

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008964.D
 Acq On : 21 May 2022 20:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 21 21:33:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	77	0.00
2 T	Dichlorodifluoromethane	50.000	48.105	3.8	71	0.00
3 P	Chloromethane	50.000	60.408	-20.8	89	0.00
4 C	Vinyl Chloride	50.000	59.699	-19.4#	89	0.00
5 T	Bromomethane	50.000	50.432	-0.9	90	0.00
6 T	Chloroethane	50.000	57.798	-15.6	90	0.00
7 T	Trichlorofluoromethane	50.000	48.784	2.4	74	0.00
8 T	Diethyl Ether	50.000	50.756	-1.5	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.899	2.2	73	0.00
10 T	Methyl Iodide	50.000	50.541	-1.1	66	0.00
11 T	Tert butyl alcohol	250.000	241.002	3.6	77	0.00
12 CM	1,1-Dichloroethene	50.000	48.418	3.2#	74	0.00
13 T	Acrolein	250.000	149.925	40.0#	86	0.00
14 T	Allyl chloride	50.000	49.329	1.3	73	0.00
15 T	Acrylonitrile	250.000	253.793	-1.5	78	0.00
16 T	Acetone	250.000	243.862	2.5	77	0.00
17 T	Carbon Disulfide	50.000	49.620	0.8	74	0.00
18 T	Methyl Acetate	50.000	51.653	-3.3	79	0.00
19 T	Methyl tert-butyl Ether	50.000	49.680	0.6	75	0.00
20 T	Methylene Chloride	50.000	46.774	6.5	71	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.897	4.2	74	0.00
22 T	Diisopropyl ether	50.000	51.171	-2.3	77	0.00
23 T	Vinyl Acetate	250.000	261.617	-4.6	76	0.00
24 P	1,1-Dichloroethane	50.000	49.759	0.5	76	0.00
25 T	2-Butanone	250.000	259.077	-3.6	77	0.00
26 T	2,2-Dichloropropane	50.000	42.033	15.9	64	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.139	1.7	74	0.00
28 T	Bromochloromethane	50.000	51.926	-3.9	82	0.00
29 T	Tetrahydrofuran	250.000	266.031	-6.4	79	0.00
30 C	Chloroform	50.000	49.627	0.7#	75	0.00
31 T	Cyclohexane	50.000	46.274	7.5	71	0.00
32 T	1,1,1-Trichloroethane	50.000	48.446	3.1	72	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.103	9.8	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	45.677	8.6	87	0.00
36 T	1,1-Dichloropropene	50.000	48.030	3.9	74	0.00
37 T	Ethyl Acetate	50.000	49.031	1.9	77	-0.01
38 T	Carbon Tetrachloride	50.000	45.888	8.2	71	0.00
39 T	Methylcyclohexane	50.000	46.623	6.8	69	0.00
40 TM	Benzene	50.000	48.693	2.6	74	0.00
41 T	Methacrylonitrile	50.000	46.305	7.4	69	0.00
42 TM	1,2-Dichloroethane	50.000	49.663	0.7	77	0.00
43 T	Isopropyl Acetate	50.000	51.584	-3.2	78	0.00
44 TM	Trichloroethene	50.000	46.448	7.1	72	0.00
45 C	1,2-Dichloropropane	50.000	50.101	-0.2#	75	0.00
46 T	Dibromomethane	50.000	49.403	1.2	75	0.00
47 T	Bromodichloromethane	50.000	48.507	3.0	74	0.00
48 T	Methyl methacrylate	50.000	52.911	-5.8	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1006.639	-0.7	77	0.00
50 S	Toluene-d8	50.000	41.707	16.6	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.905	-6.0	77	0.00
52 CM	Toluene	50.000	49.912	0.2#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	48.616	2.8	71	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.598	4.8	72	0.00
55 T	1,1,2-Trichloroethane	50.000	48.371	3.3	72	0.00
56 T	Ethyl methacrylate	50.000	52.317	-4.6	75	0.00
57 T	1,3-Dichloropropane	50.000	49.840	0.3	74	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.953	-4.4	77	0.00
59 T	2-Hexanone	250.000	273.734	-9.5	78	0.00
60 T	Dibromochloromethane	50.000	49.751	0.5	74	0.00
61 T	1,2-Dibromoethane	50.000	50.488	-1.0	75	0.00
62 S	4-Bromofluorobenzene	50.000	53.475	-7.0	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	46.220	7.6	71	0.00
65 PM	Chlorobenzene	50.000	47.902	4.2	73	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.547	2.9	72	0.00
67 C	Ethyl Benzene	50.000	48.787	2.4#	71	0.00
68 T	m/p-Xylenes	100.000	96.149	3.9	67	0.00
69 T	o-Xylene	50.000	51.270	-2.5	72	0.00
70 T	Styrene	50.000	52.580	-5.2	71	0.00
71 P	Bromoform	50.000	51.109	-2.2	73	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	43.003	14.0	70	0.00
74 T	N-amyl acetate	50.000	48.512	3.0	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.955	12.1	74	0.00
76 T	1,2,3-Trichloropropane	50.000	42.130	15.7	67	0.00
77 T	Bromobenzene	50.000	42.393	15.2	71	0.00
78 T	n-propylbenzene	50.000	47.362	5.3	113	0.00
79 T	2-Chlorotoluene	50.000	41.233	17.5	65	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.040	7.9	71	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.445	17.1	68	0.00
82 T	4-Chlorotoluene	50.000	46.979	6.0	71	0.00
83 T	tert-Butylbenzene	50.000	45.663	8.7	71	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.838	4.3	73	0.00
85 T	sec-Butylbenzene	50.000	47.020	6.0	72	0.00
86 T	p-Isopropyltoluene	50.000	47.835	4.3	72	0.00
87 T	1,3-Dichlorobenzene	50.000	46.663	6.7	73	0.00
88 T	1,4-Dichlorobenzene	50.000	46.554	6.9	73	0.00
89 T	n-Butylbenzene	50.000	47.745	4.5	74	0.00
90 T	Hexachloroethane	50.000	45.126	9.7	72	0.00
91 T	1,2-Dichlorobenzene	50.000	47.435	5.1	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.714	14.6	70	0.00
93 T	1,2,4-Trichlorobenzene	50.000	43.119	13.8	72	0.00
94 T	Hexachlorobutadiene	50.000	42.785	14.4	72	0.00
95 T	Naphthalene	50.000	46.747	6.5	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.073	11.9	74	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6